

Application No. 10/673,685
Amendment "B" dated October 5, 2005
Reply to Office Action mailed April 5, 2005

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Cancelled).

Claim 2. (Currently Amended) A base station having a plurality of sectors, having a plurality of radio channels in each of the sectors, and transmitting a signal ~~comprising~~ composed of a plurality of frames through in each of the plurality of sectors the radio channels in each of the sectors, the base station comprising:

means for generating ~~[[the]]~~ a signal;

means for spreading the generated signal by using a long code; and

means for transmitting the spread signal,

wherein the means for spreading makes a phase of the long code ~~[[phases]]~~ different from each other between the plurality of sectors,

~~wherein~~ the means for transmitting makes a frame transmission timing of the spread signal ~~timings~~ different from each other between the plurality of sectors, and

the means for transmitting ~~transmits the signals by using a plurality of channels in one sector, and makes, for any given sector of the plurality of sectors, the~~ frame transmission ~~timings~~ timing of the spread signal transmitted through each of the plurality of radio channels, different

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from each other between the plurality of radio channels within any given sector of the plurality of sectors.

Claim 3. (Currently Amended) The base station as claimed in claim 2, wherein ~~[[a]]~~ the phase of the long code ~~[[phase]]~~ and ~~[[a]]~~ the frame transmission timing in each of the plurality of sectors are determined based on an offset value of the sector.

Claim 4. (Cancelled).

Claim 5. (Currently Amended) A transmission method in a base station having a plurality of sectors, having a plurality of radio channels in each of the sectors, and transmitting a signal ~~comprising~~ composed of a plurality of frames through ~~in each of the plurality of sectors~~ the radio channels in each of the sectors, the transmission method comprising the steps of:

generating ~~[[the]]~~ a signal;

spreading the generated signal by using a long code; and

transmitting the spread signal,

wherein the step of spreading makes a phase of the long code ~~[[phases]]~~ different from each other between the plurality of sectors,

the step of transmitting makes a frame transmission timing of the spread signal ~~timings~~ different from each other between the plurality of sectors, and

the step of transmitting ~~transmits the signals by using a plurality of channels in one sector, and makes,~~ for any given sector of the plurality of sectors, the frame transmission ~~timings~~ timing of the spread signal transmitted through each of the plurality of radio channels, different

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from each other between the plurality of channels within any given sector of the plurality of sectors.

Claim 6. (Currently Amended) The transmission method as claimed in claim 5, where [[a]] the phase of the long code [[phase]] and [[a]] the frame transmission timing in each of the plurality of sectors are determined based on an offset value of the sector.